I am trying to build a shareable object for use with call_external under SunOS
4.1.3 with the Sun acc compiler version 3.0.1, IDL 4.0.1b. Following the
suggestions in the IDL manual I have used -fsingle and -pic in the acc command
and -assert pure-text in the ld command.

(Note that this shareable object builds and runs fine with IDL on Solaris, SGI
and DEC Alpha.)

The -assert pure-text fails as shown below. This is presumably because
libansi.a and libm.a are not shareable(?). Note that the failure of
-assert pure-text is effectively a warning, and a .so file is still produced.
However, running this .so file leads to a failure when call_external is
called.

```
acc -Xa -O  -pic -fsingle -DSUNOS4   -I../../../../extensions/include
    -I/usr/local/epics/R3.12.2/extensions/include -I. -I..
    -I../../../../base/include -DUNIX  -c -DIDL ../ezcaIDL.c

ld -L/usr/lang/SC3.0.1/lib  -assert pure-text
    -L../../../../extensions/lib/sun4
    -L/usr/local/epics/R3.12.2/extensions/lib/sun4
    -L../../../../base/lib/sun4 -o ezcaIDL.so ezcaIDL.o
    -lezca -lEzca -lca -lCom -lansi  -lm

ld: /usr/lang/SC3.0.1/lib/libansi.a(strerror.o): assert pure-text failed:
reference to __sys_num_err at 1e090 in /usr/lang/SC3.0.1/lib/libansi.a

ld: /usr/lang/SC3.0.1/lib/libansi.a(strerror.o): assert pure-text failed:
reference to __sys_num_err at 1e094 in /usr/lang/SC3.0.1/lib/libansi.a

ld: /usr/lang/SC3.0.1/lib/libansi.a(strerror.o): assert pure-text failed:
reference to __sys_index at 1e0ac in /usr/lang/SC3.0.1/lib/libansi.a
```

(There are many more such errors from ld)

```
cars1> idl
IDL. Version 4.0.1b (sunos sparc).
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IDL> .run ezcaIDL
IDL> cainit
```

ld.so: Undefined symbol: __lib_version
cars1>

I would appreciate any suggestions!

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